

SPECIFICATIONS

Type

Condenser (electret bias)

Frequency Response

40 to 18,000 Hz (Figure 2)

Polar Pattern

Cardioid (unidirectional), symmetrical about axis
(Figure 3)

Output Impedance

600 Ω

Recommended Input Load Impedance

800 Ω minimum

Output Level (at 1,000 Hz)

Open Circuit Voltage -48.0 dBV/Pa (4.0 mV)
1 Pascal=94 dB SPL

Maximum SPL

2,000 Ω load 131 dB (phantom), 127 dB (battery)
800 Ω load 129 dB (phantom), 126 dB (battery)

Output Noise

20 dB typical, A weighted

24 dB typical, weighted per DIN 45 405

Dynamic Range (maximum SPL, 2 k Ω load, to A-weighted noise level)

111 dB (phantom); 107 dB (battery)

Polarity

Positive pressure on diaphragm produces positive voltage on pin 2 relative to pin 3 of microphone output connector

Power

Phantom

Supply Voltage 11 to 52 Vdc

Current Drain 2.0 mA max at 52 Vdc

Reverse polarity protected to 100 Vdc

Battery

Recommended 1.5 V alkaline AA size
(NEDA 15A)

Life up to 10,000 hours

Environmental Conditions

This microphone will operate over a temperature range of -29 to 57° C (-20 to 135° F), and at relative humidity of 0 to 95%.

Switch

Built in On/Off switch

Connector

3-pin male XLR connector designed to mate with Cannon XL series, Switchcraft A3 (Q.G.) series, or equivalent connector

Case

Steel and brass construction with black painted finish

Dimensions

See Figure 4

Net Weight

250 g (8.8 oz) less battery

Certification

Eligible to bear CE Marking. Conforms to European EMC Directive 89/336/EEC. Meets applicable tests and performance criteria in European Standard EN55103 (1996) parts 1 and 2, for residential (E1) and light industrial (E2) environments.

FURNISHED ACCESSORIES

Swivel Adapter A25D

Padded Carrying Case 26A16

OPTIONAL ACCESSORIES

Phantom Power Supply PS1A

Windscreen A3WS

7.6 m (25 ft.) Cable C25J

The BG4.1 is backed by the Shure 2-year warranty. For service or parts information, please contact the Shure Service department at 1-800-516-2525. Outside the United States, please contact your authorized Shure Service Center.